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- [Home](#)
- [What Can I Access?](#)
- [Log-out](#)

Tables of Contents

- [Journals & Magazines](#)
- [Conference Proceedings](#)
- [Standards](#)

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- [By Author](#)
- [Basic](#)
- [Advanced](#)

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directory and (relational or sql)

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From year: to

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[◀ Back to Previous Page](#)

X.500 Directory and OSI management

Zhang, X. Tesseron, J.-L. Seret, D. Remy, C.

Bell S.A., Les Clayes Sous Bois;

This paper appears in: Global Telecommunications Conference, 1992.

Conference Record., GLOBECOM '92. 'Communication for Global Users'.

IEEE

12/06/1992 -12/09/1992, 6-9 Dec 1992

Location: Orlando, FL, USA

On page(s): 1106-1110 vol.2

6-9 Dec 1992

References Cited: 12

IEEE Catalog Number: 92CH3130-2

INSPEC Accession Number: 4482776

Abstract:

With the growth of interconnected network size and complexity, diverse requirements have risen for constructing a powerful information service. The concepts of management information base and directory information base are reviewed, and their similarities and differences are analyzed. It is shown that applying X.500 Directory to OSI management presents some interesting benefits. Several X.500 object classes are then proposed to represent management information in the directory. A model of information exchange is addressed briefly. It is suggested that a worldwide information sharing service for management applications can be achieved with the approach described.

Index Terms:

OSI management X.500 Directory information exchange information service information services interconnected network management information base open systems telecommunication network management worldwide information sharing service OSI management X.500 Directory information exchange information service information services interconnected network management information base open systems telecommunication network management worldwide information sharing service

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Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

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- By Author
- Basic
- Advanced

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(relational or sql or rdbms) and protocol and object-oriented

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[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#)
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